

CLAIMS

1. A hair treatment composition comprising:

5 a) from 0.2 to 5% by weight of the total composition  
of a cationic surfactant according to the formula:  
[N(CH<sub>3</sub>)<sub>3</sub>(R<sub>1</sub>)]<sup>+</sup> (X)<sup>-</sup> wherein R<sub>1</sub> is a C<sub>14</sub> to C<sub>22</sub> alkyl  
group and X is a salt-forming anion selected from  
10 halogen, acetate, citrate, lactate, glycolate,  
phosphate, nitrate, sulphate, and methosulphate  
radicals;

15 b) from 0.01 to 1.0% by weight of the total  
composition of a di-(C<sub>20</sub>-C<sub>24</sub>) imidazoline quaternary  
surfactant; and

20 c) from 0.0001 to 0.5% by weight of the total  
composition of a cationic surfactant according to  
the formula [N(CH<sub>3</sub>)<sub>2</sub>(CH<sub>2</sub>CH<sub>2</sub>OH)R<sub>2</sub>]<sup>+</sup>Y<sup>-</sup> wherein R<sub>2</sub> is a  
C<sub>12</sub>-C<sub>22</sub> alkyl group and Y is a salt-forming anion  
selected from halogen, acetate, citrate, lactate,  
glycolate, phosphate, nitrate, sulphate, and  
25 methosulphate radicals.

25 2. A hair treatment composition according to claim 1 in  
which the level of the cationic surfactant a) is from  
0.3 to 5 wt% of the total composition.

30 3. A hair treatment composition according to claim 1 or  
claim 2 in which the level of the di-(C<sub>20</sub>-C<sub>24</sub>) imidazoline

quaternary surfactant b) is from 0.05 to 0.5% by weight of the total composition.

4. A hair treatment composition according to any preceding  
5 claim in which the level of cationic surfactant c)  
according to the formula  $[N(CH_3)_2(CH_2CH_2OH)R_2]^+Y^-$  is from  
0.001 to 0.2% by weight of the total composition.
5. A hair treatment composition according to any preceding  
10 claim further comprising a  $C_{16}-C_{22}$  alkyl chain fatty  
material selected from the group consisting of fatty  
alcohol, alkoxylated fatty alcohol, fatty acid and  
mixtures thereof.
- 15 6. A hair treatment composition according to any preceding  
claim further comprising 50% by weight or more of the  
total composition of water.
7. A hair treatment composition according to any preceding  
20 claim further comprising a silicone.
8. A hair treatment composition according to any preceding  
claim further comprising a hydrophobically modified  
clay.
- 25 9. A hair treatment composition according to any preceding  
claim further comprising a hydrocarbon oil.
10. Use of a composition as described in any one of claims 1  
30 to 9 to improve the condition of the hair.

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11. A method of conditioning the hair comprising the step of applying to the hair and/or scalp a composition as described in any one of claims 1 to 9.